



NORTHWEST FISHERIES SCIENCE CENTER (NWFSC)

75TH ANNIVERSARY CENTER-WIDE SYMPOSIUM

"LOOKING TO THE PAST TO ENVISION THE FUTURE"

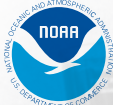


December 12 & 13, 2006

Museum of History and Industry (MOHAI)
Seattle, WA

Day 1: Tuesday, December 12 - All Presentations are in the McEachern Auditorium

Time	Event/Title *	Speaker
8:00 – 8:15 am	Welcome	Usha Varanasi
8:15 – 8:40 am	Resource Enhancement and Utilization Technologies Division Overview	Walton Dickhoff
HUMANS AND THE ENVIRONMENT/OCEANS AND HUMAN HEALTH		
8:40 – 9:05 am	"From Chemical Warfare, Spies and Drugs, and the Tropics to the Cold North Pacific: A History of Marine Biotoxin Research at the NWFSC"	John Wekell
9:05 – 9:30 am	"Big Picture, Smaller Snapshot: an Overview and Example of Social Science Research at the NWFSC"	Karma Norman
9:30 – 9:55 am	"Successful Economic Surveys for Commercial Fisheries Management"	Carl Lian
9:55 – 10:10 am	Break - Refreshments in the MOHAI Auditorium Foyer	
10:10 – 10:35 am	Conservation Biology Division Overview	Mike Ford
POPULATION AND COMMUNITY DYNAMICS AND ECOLOGY PART I		
10:35 – 11:00 am	"Marine Growth Rate of Juvenile Salmon and its Relationship to Adult Return"	Brian Beckman
11:00 - 11:25 am	"The Columbia River Estuary: Implications for Recent Research for Salmon Recovery"	Kurt Fresh
11:25 – 11:50 am	"Teasing Demographic Rates out of Abundance Data: Age-Structured Modeling Provides Evidence for a 30-year-old birth rate decline in Stellar Sea Lions"	Eli Holmes
11:50 – 12:50 pm	Lunch	
POPULATION AND COMMUNITY DYNAMICS AND ECOLOGY PART II		
12:50 -1:15 pm	"Linking Models: a Framework for Evaluating Salmon Recovery Strategies in a Puget Sound Watershed"	Krista Bartz
1:15 – 1:40 pm	"Salmon Population Viability in an Uncertain Future: Prognosticating Impacts of Climate and Hydropower"	Rich Zabel
1:40 – 2:05 pm	"Pacific Salmon Extinctions: Quantifying Lost and Remaining Diversity"	Rick Gustafson
2:05 – 2:30 pm	"Recolonization of the Cedar River, WA by Pacific Salmon: Genetic to Ecosystem-Level Effects"	Peter Kiffney
2:30 – 2:45 pm	Break - Refreshments in the MOHAI Auditorium Foyer	
FISHERIES ANALYSIS		
2:45 – 3:10 pm	"Monitoring Catch in the West Coast Commercial Groundfish Fleets: The Key to Bycatch Management"	Jonathan Cusick
3:10 – 3:35 pm	"The Perils of Point Estimates: Effective Scientific Presentation in the Face of Uncertainty and Human Psychology"	Ian Stewart
RESEARCH PLANNING TEAM REPORT		
3:35 – 4:00 pm	"Looking to the Future -- A Report from the Research Planning Team"	Michelle McClure



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Day 2: Wednesday, December 13 - All Presentations are in the McEachern Auditorium

Time	Event/Title*	Speaker
8:00 – 8:25 am	Fish Ecology Division Overview	John W. Ferguson
HATCHERIES AND AQUACULTURE		
8:25 – 8:50 am	“Conservation Hatchery Effects on Steelhead in Hood Canal”	Barry Berejikian
8:50 – 9:15 am	“Effects of Hatchery Rearing on Behavioral Diversity – Some Tests with Rockfish and Steelhead”	Jonathan Lee
9:15 – 9:40 am	“Multiple facets of a Salmon Bacterial Disease”	Linda Rhodes
9:40 – 9:55 am	Break - Refreshments in the MOHAI Auditorium Foyer	
9:55 – 10:20 am	Fishery Resource Analysis & Monitoring Division Overview	Elizabeth Clarke
EMERGING TECHNOLOGIES/BIOTECHNOLOGY		
10:20 – 10:45 am	“Molecular Approaches for Understanding Oil Spill Impacts on Nearshore Spawning Fish”	Heather Day
10:45 – 11:10 am	“Assessing Alaskan Killer Whale Feeding Ecology Using Chemical Tracers”	Doug Burrows
11:10 -11:35 am	Environmental Conservation Division Overview	Tracy Collier
11:35 – 1:35 pm	Lunch Poster Session in the McGurdy Gallery**	
ORGANISMAL ECOLOGY AND BEHAVIOR		
1:35 – 2:00 pm	“A History of Telemetry Technology Development in the Columbia River Basin and its Use in Evaluating Fish Passage Behavior and Survival”	Eric Hockersmith
2:00 – 2:25 pm	“Using Parasites to Study Marine Populations and Ecosystems: an Old Tool Brought to the Future”	Kym Corporon Jacobson
2:25 – 2:50 pm	“Using Molecular Genetic Techniques to Address Key Questions for Southern Resident Killer Whale Conservation”	Brad Hanson
2:50 – 3:15 pm	“Beyond Birth and Death: the Potential Value of Behavioral Ecology to Ecosystem Management”	Phil Levin
3:15 – 3:20 pm	Concluding Remarks	Michelle McClure

* Speakers are allotted **25 minutes** for presentations including time for questions; moderators will keep the overall program on schedule by enforcing time limits.

** Posters will be available for viewing from **12 pm on Tuesday, Dec. 12 to 2:00 pm on Wednesday, Dec. 13 in the McCurdy Gallery**. Poster presenters will accompany their posters during the 11:35 am – 1:35 pm poster session on Dec. 13.